

CLAIMS

What is claimed is:

1. A seed boot for use in combination with an air seeder, chisel plow or cultivator having air seeder components consisting of several chisel shank units, for an improved distribution system for injecting dry granular material vertically downward into a groove in the soil formed by the invention in regularly spaced, transverse rows comprising:
 - a. a vertically oriented conveyance tube (or tubes), having an inlet connectable to a source of granular material transported by means of pressurized air, and an exit which is formed for precise granular material injection and formed to prevent soil from jamming up into said exit and
 - b. a triangular configured bracket which provides structural support and a means of mounting said invention to said chisel shank unit by means of holes in the forward, slanted portion of said bracket and
 - c. a replaceable knife mounted to the underside of said bracket by means of a mounting tab attached to the underside of said bracket and directly in front of the exit of said conveyance tube, which penetrates the compacted layer formed by the sweep shovel, which in turn forms said groove below said compacted layer.
2. The invention as set forth in claim 1 used in combination with a sweep shovel having wings with top edges, with said sweep shovel being mounted to the front side of said chisel shank and said seed boot being mounted to the back side of said chisel shank.
3. The invention as set forth in claim 1 wherein the exit of the conveyance tube is at substantially the same height as the top of the sweep shovel wings.
4. The invention as set forth in claim 1 wherein the bottom of the mounting tab is at substantially the same height as the top of the sweep shovel wings.
5. For use in combination with a plurality of presswheels following, and attached to, said air seeder, chisel plow or cultivator that firms the soil around the granular material of said regular spaced, transverse rows.